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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/754,702	01/12/2004	Shunpei Yamazaki	07977-005004	9094
26171	7590	03/11/2009		
FISH & RICHARDSON P.C. P.O. BOX 1022 MINNEAPOLIS, MN 55440-1022			EXAMINER CHIEN, LUCY P	
			ART UNIT 2871	PAPER NUMBER
			NOTIFICATION DATE 03/11/2009	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

PATDOCTC@fr.com

**Supplemental
Notice of Allowability**

Application No.

10/754,702

Examiner

LUCY P. CHIEN

Applicant(s)

YAMAZAKI ET AL.

Art Unit

2871

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application filed on 1/12/2004.
2. ☒ The allowed claim(s) is/are 30-34,40-58,60-64 and 66-76.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

/David Nelms/
Supervisory Patent Examiner, Art Unit 2871

EXAMINER'S AMENDMENT

Election/Restrictions

Claim 30,31,40,41,45,46,49,50,53,54,57,58,60-62,64,66-68,70-76 are allowable. The restriction requirement among Species Group A and Species Group B, as set forth in the Office action mailed on 3/5/2007, has been reconsidered in view of the allowability of claims to the elected invention pursuant to MPEP § 821.04(a). **The restriction requirement is hereby withdrawn as to any claim that requires all the limitations of an allowable claim. Claim 32-34,42-44,47,48,51,52,55,56,63,69,** directed to Species Group A and Species Group B are no longer withdrawn from consideration because the claim(s) requires all the limitations of an allowable claim. However, claim 35-39, directed to Species AI withdrawn from consideration because they require all the limitations of an allowable claim.

In view of the above noted withdrawal of the restriction requirement, applicant is advised that if any claim presented in a continuation or divisional application is anticipated by, or includes all the limitations of, a claim that is allowable in the present application, such claim may be subject to provisional statutory and/or nonstatutory double patenting rejections over the claims of the instant application.

Once a restriction requirement is withdrawn, the provisions of 35 U.S.C. 121 are no longer applicable. See *In re Ziegler*, 443 F.2d 1211, 1215, 170 USPQ 129, 131-32 (CCPA 1971). See also MPEP § 804.01.

This application is in condition for allowance except for the presence of claim 35-39 directed to Species AI which is non-elected without traverse. Accordingly, claim 35-39 has been cancelled.

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Roberto J. Devoto on 12/18/2008.

CLAIM 64 AMENDED to: An information system comprising:
a pixel circuit provided over a substrate, the pixel circuit provided in a display section;
a driver circuit for driving the pixel circuit, the driver circuit provided over the substrate;
a cordless sensor for measuring body temperature; an infrared light interface for coupling to the cordless sensor through an infrared signal; and a controller circuit including a CPU for controlling the driver circuit and the infrared light interface, the controller provided over the substrate, and the infrared light interface provided between a substrate and another substrate, wherein the controller is entirely sealed by a liquid crystal material.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

Claims 30-34,40-58,60-64,66-76 are allowed.

Regarding Claims 30,40,45,49,53,58,64,

Yamano (US 4743122) discloses (Fig. 13) a body temperature measurement connected to the controller by an infrared signal (104), thus the sensor is connected to the apparatus in a cordless configuration and is controlled by the controller. The body temperature comprises a liquid crystal display device (105),

Yamano does not disclose the specific details of the liquid crystal device.

Sawatsubashi et al (US 5148301) discloses (Fig. 3,4) a display device having a pixel portion and a driving circuits (113) which are formed between a pair of substrates (101,102), a sealing material (108) formed between the substrates wherein the sealing material covers the driving circuits (113). Also comprises a controller (integrated circuit, see Column 4, rows 58-67) for controlling the driver circuit formed over the first substrate. Also, a pixel region comprising a plurality of TFTs (Column 4, rows 58-67) formed over the first substrate; a driver circuit comprising a plurality of TFTS for driving the pixel region, formed over the first substrate. Wherein the integrated circuit (the microprocessor) is entirely incorporated into the sealing material (Column 8, rows 22-25).

The prior art of record does not disclose the infrared light interface being formed between the pair of substrates or that the controller which includes the infrared light interface being incorporated in the sealing material and sealed by the liquid crystal material. Therefore, the claimed invention is allowable.

Claims 31-34,70 depend on Claim 30, therefore are allowable.

Claims 41-44,71 depend on Claim 40, therefore are allowable.

Claims 46-48,72 depend on Claim 45, therefore are allowable.

Claims 50-52,73 depend on Claim 49, therefore are allowable.

Claims 54-57,74 depend on Claim 53, therefore are allowable.

Claims 60-63,75 depend on Claim 58, therefore are allowable.

Claims 66-69,76 depend on Claim 64, therefore are allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LUCY P. CHIEN whose telephone number is (571)272-8579. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on (571)272-1787. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Lucy P Chien
Examiner
Art Unit 2871